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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/020,540A

DATE: 06/14/2002
TIME: 15:19:58

Input Set : A:\0173.210us-SEQUENCE LISTING.txt
Output Set: N:\CRF3\06142002\J020540A.raw

```
 4 <110> APPLICANT: Wu, Gusui
 5        McBryde, Kevin
 7 <120> TITLE OF INVENTION: Strawberry Vein Banding Virus Promoter
 8        (SVBV) Promoter
10 <130> FILE REFERENCE: 0173.210us
12 <140> CURRENT APPLICATION NUMBER: 10/020,540A
13 <141> CURRENT FILING DATE: 2001-10-30
15 <150> PRIOR APPLICATION NUMBER: 60/245,354
16 <151> PRIOR FILING DATE: 2000-11-01
18 <160> NUMBER OF SEQ ID NOS: 10
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 476
24 <212> TYPE: DNA
25 <213> ORGANISM: Strawberry Vein Banding Virus (SVBV) Strain E3
27 <400> SEQUENCE: 1
28 aactatgctg atgacaagat aattctaata agcaattatt cagaattaat caaggagaaa 60
29 gaattaataa ctctttcaga atatgaagcc cgctttacaa gtggccagct agctatcact 120
30 gaaaagacag caagacaatg gtgtctcgat gcaccagaac cacatctttg cagcagatgt 180
31 gaagcagcca gagtggtcca caagacgcac tcagaaaagg catcttctac cgacacagaa 240
32 aaagacaacc acagctcatc atccaacatg tagactgtcg ttatgcgtcg gctgaagata 300
33 agactgaccc caggccagca ctaaagaaga aataatgcaa gtggtcctag ctccacttta 360
34 gctttaataa ttatgtttca ttattattct ctgcttttgc tctctatata aagagcttgt 420
35 attttcattt gaaggcagag gcgaacacac acacagaacc tccctgctta caaacc      476
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 518
39 <212> TYPE: DNA
40 <213> ORGANISM: Strawberry Vein Banding Virus (SVBV) Strain E3
42 <400> SEQUENCE: 2
43 ggatccccca gcttaactat gctgatgaca agataattct aataagcaat tattcagaat 60
44 taatcaagga gaaagaatta ataactcttt cagaatatga agcccgcttt acaagtggcc 120
45 agctagctat cactgaaaag acagcaagac aatggtgtct cgatgcacca gaaccacatc 180
46 tttgcagcag atgtgaagca gccagagtgg tccacaagac gcactcagaa aaggcatctt 240
47 ctaccgacac agaaaaagac aaccacagct catcatccaa catgtagact gtcgttatgc 300
48 gtcggctgaa gataagactg accccaggcc agcactaaag aagaaataat gcaagtggtc 360
49 ctagctccac tttagcttta ataattatgt ttcattatta ttctctgctt ttgctctcta 420
50 tataaagagc ttgtattttc atttgaaggc agaggcgaac acacacag aacctccctg 480
51 cttacaaacc ggatcgggct gcaggtctct aaccatgg                         518
53 <210> SEQ ID NO: 3
54 <211> LENGTH: 651
55 <212> TYPE: DNA
56 <213> ORGANISM: Strawberry Vein Banding Virus (SVBV) Strain E3
58 <400> SEQUENCE: 3
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59 ggatccgctt tacaagtggc cacctagcta tcactgaaaa gacagcaaga caatggtgtc 60
60 tcgatgcacc agaaccacat ctttgcagca gatgtgaagc agccagagtg gtccacaaga 120
61 cgcactcaga aaaggcatct tctaccgaca cagaaaaaga caaccacagc tcatcatcca 180
62 acatgtagac tgtcgttatg cgtcggctga agataagact gaccccaggc cagcactaaa 240
63 gaagaaataa tgcaagtggt cctagctcca ctttagcgct agctatcact gaaaagacag 300
64 caagacaatg gtgtctcgat gcaccagaac cacatctttg cagcagatgt gaagcagcca 360
65 gagtggtcca caagacgcac tcagaaaagg catcttctac cgacacagaa aaagacaacc 420
66 acagctcatc atccaacatg tagactgtcg ttatgcgtcg gctgaagata agactgaccc 480
67 caggccagca ctaaagaaga aataatgcaa gtggtcctag ctccacttta gctttaataa 540
68 ttatgtttca ttattattct ctgcttttgc tctctatata aagagcttgt attttcattt 600
69 gaaggcagag gcgaacacac acacagaacc tccctgctta caaaccggat c         651
71 <210> SEQ ID NO: 4
72 <211> LENGTH: 701
73 <212> TYPE: DNA
74 <213> ORGANISM: Strawberry Vein Banding Virus (SVBV) Strain E3
76 <400> SEQUENCE: 4
77 gatccgcttt acaagtggcc acctagctat cactgaaaag acagcaagac aatggtgtct 60
78 cgatgcacca gaaccacatc tttgcagcag atgtgaagca gccagagtgg tccacaagac 120
79 gcactcagaa aaggcatctt ctaccgacac agaaaaagac aaccacagct catcatccaa 180
80 catgtagact gtcgttatgc gtcggctgaa gataagactg accccaggcc agcactaaag 240
81 aagaaataat gcaagtggtc ctagctccac tttagcttta ataattatgt ttcattatta 300
82 ttctctgctt ttgctctcgc tagctatcac tgaaaagaca gcaagacaat ggtgtctcga 360
83 tgcaccagaa ccacatcttt gcagcagatg tgaagcagcc agagtggtcc acaagacgca 420
84 ctcagaaaag gcatcttcta ccgacacaga aaaagacaac cacagctcat catccaacat 480
85 gtagactgtc gttatgcgtc ggctgaagat aagactgacc ccaggccagc actaaagaag 540
86 aaataatgca agtggtccta gctccacttt agctttaata attatgtttc attattattc 600
87 tctgcttttg ctctctatat aaagagcttg tattttcatt tgaaggcaga ggcgaacaca 660
88 cacacagaac ctccctgctt acaaaccgga tcgggctgca g         701
90 <210> SEQ ID NO: 5
91 <211> LENGTH: 35
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Primer
98 <400> SEQUENCE: 5
99 cacacggatc cagaagacca aagggcaatt gagac                            35
101 <210> SEQ ID NO: 6
102 <211> LENGTH: 64
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Primer
109 <400> SEQUENCE: 6
110 acaaactgca gagagagact ggtgatttca gcgtgtcctc tccaaatgaa atgaacttcc 60
111 ttat                                                             64
113 <210> SEQ ID NO: 7
114 <211> LENGTH: 35
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
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118 <220> FEATURE:
119 <223> OTHER INFORMATION: Primer
121 <400> SEQUENCE: 7
122 acacaggatc cgcgtattgg ctagagcagc ttgcc                    35
124 <210> SEQ ID NO: 8
125 <211> LENGTH: 40
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Primer
132 <400> SEQUENCE: 8
133 tctctccatg gagagataga tttgtagaga gagactggtg                40
135 <210> SEQ ID NO: 9
136 <211> LENGTH: 22
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Primer
143 <400> SEQUENCE: 9
144 caaagaagaa gcttaactat gc                                   22
146 <210> SEQ ID NO: 10
147 <211> LENGTH: 28
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Primer
154 <400> SEQUENCE: 10
155 tgcgggatcc ggtttgtaag cagggagg                             28
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VERIFICATION SUMMARY   DATE: 06/14/2002
PATENT APPLICATION: US/10/020,540A   TIME: 15:19:59

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